PowerShell Get-Help on command 'Set-NetIPHttpsConfiguration'

PS C:\Users\wahid> Get-Help Set-NetIPHttpsConfiguration

NAME

   Set-NetIPHttpsConfiguration

SYNOPSIS

   Modifies an IP-HTTPS configuration.

SYNTAX

   Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}]

   [-CimSession <CimSession[]>] [-Confirm] [-GPOSession <String>] [-PassThru]

   [-Profile <String[]>] [-ProfileActivated <Boolean[]>] [-ServerURL <String>]

   [-State {Default | Enabled | Disabled | OutsideEnabled}] [-StrongCRLRequired

   <Boolean>] [-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf]

   [<CommonParameters>]

   Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}]

   [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]>

   [-PassThru] [-ServerURL <String>] [-State {Default | Enabled | Disabled |

   OutsideEnabled}] [-StrongCRLRequired <Boolean>] [-ThrottleLimit <Int32>]

   [-Type {Client | Server}] [-WhatIf] [<CommonParameters>]

Set-NetIPHttpsConfiguration [-AsJob] [-AuthMode {None | Certificates}]

[-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-PolicyStore <String>]

[-Profile <String[]>] [-ProfileActivated <Boolean[]>] [-ServerURL <String>]

[-State {Default | Enabled | Disabled | OutsideEnabled}] [-StrongCRLRequired

<Boolean>] [-ThrottleLimit <Int32>] [-Type {Client | Server}] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The Set-NetIPHttpsConfiguration cmdlet modifies an IP-HTTPS configuration.

You can specify the IP-HTTPS configuration profile to modify either by using a

configuration object retrieved by the Get-NetIPHttpsConfiguration cmdlet or by

specifying the profile name.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands

that take a long time to complete.

-AuthMode <AuthMode>

Specifies the authentication mode. The acceptable values for this

parameter are:

- None. Performs no client authentication during the SSL handshake. This

is the default value. - Certificates. Uses client certificates to

authenticate clients. This authentication mode applies only to a server

interface on a computer running Windows Serverr 2012 or Windows Server

2016.

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a

computer name or a session object, such as the output of a New-CimSession
(https://go.microsoft.com/fwlink/p/?LinkId=227967) or
[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet.
The default is the current session on the local computer.

-Confirm [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

-GPOSession <String>

Specifies the Group Policy session to which to store the configuration

information.

You can use this parameter with the NetGPO cmdlets to aggregate multiple

operations performed on a Group Policy Object (GPO).

You cannot use this parameter with the PolicyStore parameter.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By

default, this cmdlet does not generate any output.

-PolicyStore <String>

Specifies the policy store that contains the IP-HTTPS configuration

profile to set. The acceptable values for this parameter are:

  - ActiveStore

  - PersistentStore

  - GPO

To set the configuration profile of a GPO, specify the GPO name using the

following format: Domain\GPOName

You cannot use this parameter with the GPOSession parameter.

-Profile <String[]>

Specifies the name of the profile to modify. This parameter is only

allowed when the store is a GPO.

-ProfileActivated <Boolean[]>

Filters the objects to modify.

-ServerURL <String>

Specifies the URL for the server. If the profile is a client profile,

Windows attempts to connect to the server URL. If the profile is a server

profile, then this is the URL to which the server listens.

-State <State>

Specifies the state behavior of IP-HTTPS. The acceptable values for this

parameter are:

- Default.   ---- For a server interface, IP-HTTPS is always configured.

---- For a client interface, IP-HTTPS is configured on demand based on the

other connectivity options available. Client interfaces are created with

this setting by default. - Enabled. IP-HTTPS is always configured, for

both server interfaces and client interfaces. Server interfaces are

created with this setting by default. - Disabled. Disables the IP-HTTPS

interface. - OutsideEnabled. IP-HTTPs is configured on demand whenever

the computer is outside of the corporate network.

-StrongCRLRequired <Boolean>

Determines if a strong certificate revocation list (CRL) check is required before connection.

The default value is False.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShellr calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-Type <Type>

Specifies if IP-HTTPS should start in server mode or client mode. The parameter value set to server mode is only allowed on Windows Server 2012 or Windows Server 2016.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

--------- Example 1: Set the server URL of the profile ---------

PS C:\>Set-NetIPHttpsConfiguration -Profile "Redmond" -ServerURL
"https://da.com:443/IPHTTPs" -PolicyStore "Domain\TestGPO"

This command modifies the profile named Redmond in the GPO named TestGPO,

modifying the server URL.

Example 2: Set the server URL using IP-HTTPS configuration object

```
PS C:\>Get-NetIPHttpsConfiguration -Profile "Redmond" -PolicyStore
"Domain\TestGPO" | Set-NetIPHttpsConfiguration -ServerURL
"https://da.com:443/IPHTTPs"
```

This command gets the IP-HTTPS configuration profile named Redmond in the GPO
named TestGPO using the Get-NetIPHttpsConfiguration cmdlet, and then provides
the output object as input to this cmdlet using the pipeline operator.

REMARKS

To see the examples, type: "get-help Set-NetIPHttpsConfiguration -examples".

For more information, type: "get-help Set-NetIPHttpsConfiguration -detailed".

For technical information, type: "get-help Set-NetIPHttpsConfiguration -full".

For online help, type: "get-help Set-NetIPHttpsConfiguration -online"